



# Unit 3 Section 1 Lesson 1: Extreme Makeover

## Monarch Life Cycle Research

Handout 1 Answer Key

1. How many life stages does a monarch butterfly have? **4**
2. Name each stage: **egg , larva (caterpillar), pupa (chrysalis), adult**
3. In which stage does the butterfly eat the most? **larva (caterpillar)**
4. In which two stages does the butterfly not eat at all? **egg and pupa (chrysalis)**
5. In which stage does the butterfly grow the most? **larva (caterpillar)**
6. In which stage does the butterfly change the most? **pupa (chrysalis)**
7. In which stage can the butterfly fly? **adult**
8. In which stage does the butterfly eat leaves? **larva (caterpillar)**
9. In which stage does the butterfly sip nectar? **adult**
10. Create a diagram on the back side of this page that illustrates the life cycle of a butterfly.

**The diagram should illustrate all 4 stages with a visual and a label for each stage. In addition, arrows, lines, or numbers should indicate progression.**

11. TIME FLIES. Complete the following chart:

LIFE STAGE	LENGTH OF LIFE STAGE
<u>egg</u>	<u>4 days</u>
<u>larva</u>	<u>2 weeks (14 days)</u>
<u>pupa</u>	<u>8 to 13 days (10 days average)</u>
<u>adult</u>	<u>2 to 6 weeks (30 days average)</u>

